BMW 525Li Driver Seat Standardisation

Function description: seat standardisation

Supported products: Launch PRO or PAD series comprehensive diagnostic equipment

Tested model: BMW 525Li VIN: LBVKY1105JSR5**** (See the following figure)



The SMFA (Seat module, driver) reports the DTC 8029CA "SMFA: Seat Position Not Sent Due To Missing Or Invalid Calibration". (See the following figure.)

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Diagnostic T	rouble Code			٢	f	₹Ž	\bigcirc		ŀ
MW V51.65 > Automa	tically Search > SMI	FA (Seat modu	le, driver)				🤶 🕇 0 b/s	↓ 0 b/s	∓ −12.22V
8029CA Intermittent	Due	A: Seat Posi To Missing (ration		t V					
Freeze Frame	Data Stream	Help	Code Sear	ch					

SN:98989000146 BMW 525Li 2018 VIN LBVKY1105	3			Report	Clear DTCs
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Procedure:

1. Access [SMFA (Seat module, driver)] and choose [Fault Guidance]. (See the following figure.)

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Show Menu	٢	î	z∕	2		ŀ		
BMW V51.65 > Automatically Search > SMFA (Seat module, driver)				🤶 🕇 0 b/s	↓ 0 b/s	+- 12.26V		
					QPlease e	enter keyword		
Module Information		Read Fault Code						
Clear Fault Code		Read Data Stream						
Fault Guidance		Actuation To	est					

SN:98989 BMW 525Li 2018 VIN LBVKY1105JS						
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2. Choose [Seat Standardisation, Driver's Seat] in [Special Function]. (See the following figure.)

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MW V51.65 > Automatically S	earch > SMFA (Seat module, driver)				🤶 🕇 0 b/s	↓ 0 b/s	+- 12.21
ault Guidance							
Function	Function Description					Status	
+ Special Function	Seat Standardisation, Driver's Sea	at				Function Avai	lable
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3. Click [Operate]. (See the following figure.)

BMW V51.65 > Automatically Search > SMFA (Seat module, driver) Image: 1 the formula of the form	ч. 🛞						*	🕩 👻 🛋 🗎 10:41 AM
Fault Guidance Function State Operate + Special Function Seat Standardisation, Driver's Seat Func				â	Z	2	ē	ŀ
Function State Operate + Special Function Seat Standardisation, Driver's Seat Function Function	W V51.65 > Automatically Se	earch > SMFA (Seat module, driver)				🤶 🕇 0 b/s	↓ 0 b/s	s 🕂 12.21 \
+ Special Function Seat Standardisation, Driver's Seat Standar	ult Guidance							
	unction	Function Description				:	Statu	Operate
	- Special Function	Seat Standardisation, Driver's Sea	t				Func	
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4. The prompt "Control unit is identified: Driver's Seat Module (SMFA). Please wait!" is displayed. (See the following figure.)

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BMW V51.65 > Automatically Search > SMFA (Seat module, driver)				🤶 🕇 0 b/s	↓ 0 b/s	+- 12.21V
& Execution Steps &						
Control unit is identified:						
Driver's Seat Module (SMFA)						
Please wait!						
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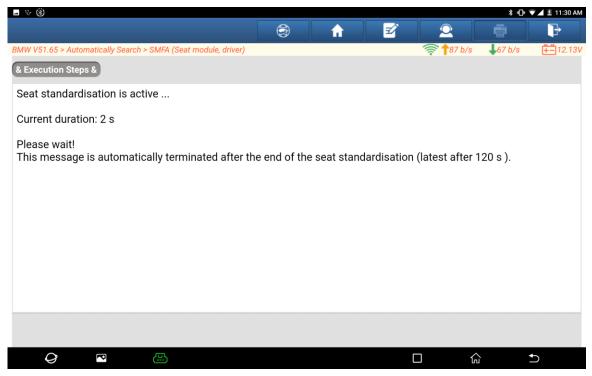
5. Relevant faults are stored in the SMFA control unit. Driver's seat standardisation must be performed. Click [Continue]. (See the following figure.)

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BMW V51.65 > Automatically Search > SMFA (Seat module, driver)				🛜 🕇 0 b/s	↓ 0 b/s	🕂 – 12.12V
& Execution Steps &						
Relevant Faults Are Stored In The Driver's Seat Mo	dule Contr	ol Unit.				
Seat Standardisation For Driver's Seat Must Be Per	rformed.					
	Continu	Je				
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6. Note the prompts regarding seat standardisation. Press [Continue] to start standardisation. (See the following figure.)

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BMW V51.65 > Automatically Search > SMFA (Seat module, driver)				🤶 🕇 0 b/s	↓ 0 b/s	∓− 12.12V
& Execution Steps &						
The Driver's Seat Is Standardised In The Following Information On Seat Standardisation: Only Carry Out Seat Standardisation On A Trouble- Ensure That The Vehicle Voltage Is Higher Than 10 The Seat Must Not Be Occupied As It Is Moved Au The Adjustment Travel Path Must Be Free Of Obst Do Not Operate The Switch For Fore-And-Aft Seat WARNING: The Anti-Trap Mechanism Is Not Active During Sea Press Continue To Start Normalisation	Free System 0.5 V Itomatically ructions Adjustment D	5	Standardi	sation		
	Continue					
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7. Seat standardisation is active. Please wait. (See the following figure.)



8. Standardisation is finished. (See the following figure.)

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BMW V51.65 > Automatically Search > SMFA (Seat module, driver)			🫜 🕇 87 b/s	↓ 54 b/s	+- 11.99V
& Execution Steps &					
Standardisation Finished.					
Status Is Being Evaluated					
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9. Seat standardisation setting is successful. (See the following figure.)

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BMW V51.65 > Automatically Search > SMFA (Seat module, driver)				🤶 🕇 112 b/s	↓ 120 b/s	∓− 12.15V
& Execution Steps &						
Seat Standardisation Was Successful.						
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10. Exit the service function. (See the following figure.)

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BMW V51.65 > Automatically Search > SMFA (Seat module, driver)				🛜 🕇 0 b/s	↓ 0 b/s	∓− 12.15V
& Execution Steps &						
Serv	vice Functi	ion Ended.				
	Contin	ue				
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11. There is no DTC in the system. (See the following figure.)

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Diagnostic Trouble Co	ode			â	Z	2		₽
BMW V51.65 > Automatically Search > SMFA (Seat module, driver)								∓ =12.14V
1	No DTC							
Freeze Frame	Help	Code Search	1					
SN:989890 BMW 525Li 2018 VIN LBVKY1105JSR:							Report	Clear DTCs
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